

Please amend claim 1 as follows:

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Claim 1 (twice amended) Process for the preparation of a polymer or copolymer comprising a step of polymerization or copolymerization of at least one monomer which can be polymerized via a radical route, in the presence of a polymerization or copolymerization initiator and of a stable free radical, the said step being such that, per 100 mol of monomer, the following relationships are confirmed:

$$[F_{\text{SFR}} \times (\text{SFR})] / [F_{\text{INIT}} \times (\text{INIT})] < 0.15;$$

$F_{\text{SFR}} \times (\text{SFR})$ ranging from 0.0001 to 0.2 mol; and

$F_{\text{INIT}} \times (\text{INIT})$ ranging from 0.01 to 20 mol [$F_{\text{SFR}} \times (\text{SFR}) < 0.2 \text{ mole}$],

in which

- (SFR) represents the number of moles of stable free radical in the polymerization or copolymerization medium,
- F_{SFR} represents the functionality of the stable free radical, i.e., the number of sites on the same stable free radical molecule in stable free radical form,
- (INIT) represents the number of moles of polymerization or copolymerization initiator in the polymerization or copolymerization medium,
- (F_{INIT}) represents the functionality of the initiator, i.e., the number of sites in free radical form which each initiator molecule is capable of generating.

REMARKS

Claims 1-4, 6, 8-33 are in the case. Claims 5 and 7 have been canceled without prejudice solely to expedite the allowance of the remaining claims. Claim 1 has been amended incorporating claims 5 and 7 to particularly point out and